

We claim:

1. An electrical switch for a device for level detection in a functional fluid container (12) of a motor vehicle brake system, this switch (28) being of the type comprising two electrically conductive terminals (32, 34) and a first reed bulb (36), forming a dipole electrically connected to the two conductive terminals (32, 34), the reed bulb (36) being capable of occupying two states, one open and one closed, each state depending on whether the situation is normal or exceptional, characterized in that it comprises a second reed bulb (36) forming a dipole electrically connected to the two conductive terminals (32, 34), this second reed bulb (36) functioning redundantly with respect to the first reed bulb (36).

2. An electrical switch according to Claim 1, characterized in that the first and second reed bulbs (36) are connected in parallel to the two conductive terminals (32, 34), the normal state of each reed bulb (36) corresponding to the open state of this bulb.

3. An electrical switch according to Claim 1, characterized in that the first and second reed bulbs (36) are connected in series to the two conductive terminals (32, 34), the normal state of each reed bulb (36) corresponding to the closed state of this bulb.

4. An assembly forming a reservoir for a functional fluid of a motor vehicle brake system, of the type comprising:

- a functional fluid container (12), and
- means (16) for detecting a reference level of functional fluid in the container (12), having a magnetic field source (18) carried by a float (20) which can move substantially vertically in the container (12), and an electrical switch (28) which is carried by a fixed support (30) secured to the container and is capable of changing state as a function of the relative position of the magnetic field source (18) and the switch (28),

characterized in that the electrical switch (28) is in accordance with any one of the preceding claims.

5. The assembly according to Claim 4, characterized in that the reference level corresponds to a fluid level below which the volume of functional fluid in the container (12) is insufficient.

6. The assembly according to Claim 4, characterized in that the  
5 magnetic field source (18) is a magnet.